

APPROVALS

☐ Planning Board
☒ Zoning Board
☐ Sewer Authority
☐ Water Authority
☐ Fire Department
☐ Police Department
☒ Health Department
☐ Soil Conservation
☐ N.J. Dept. of Community Affairs
☐ N.J. Dept. of Transportation
☐ N.J. Dept. of Environmental Protection
☐ Other: _____
☐ _____
☐ _____
☐ _____
☐ _____
☐ _____

[illegible]

COMMENTS

EDITION OF CODE

☐ One and Two Family Dwellings _____

☐ Building _____

☐ Electrical _____

☐ Plumbing _____

☐ Fire Protection _____

EDITION OF CODE

☐ Mechanical _____

☐ Energy _____

☐ Barrier Free _____

☐ Other _____

☐ Flood Hazard☐ **As Built
Elevation
Certification**☐ Other

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION

I hereby certify that I am the owner of the property listed on Page 1. This dwelling is to be occupied by myself and is not to be used for any purpose, other than single family residential use.

A. ☐ I further certify that I prepared the plans submitted. This statement is made in accordance with the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(e)(vii).

B. ☐ I further certify that I will perform the work below.

B1. ☐ Building B2. ☒ Electrical B3. ☐ Plumbing

☐ I further certify that a new home will be constructed on this property, for my use and occupancy. I attest that all design, construction, plumbing, or electrical work will be done by me or by subcontractors under my supervision, in accordance with all applicable laws; and further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.A.C. 46:3B-1 et. seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

~~D. ☒ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.~~

I understand that if any of the above statements are willfully false, I am subject to punishment.

SIGNATURE [Signature] DATE 3/5/88

III. AGENT SECTION

I hereby certify that the work is authorized by the owner of record and I have been authorized by the owner to make this application as his agent.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

☒ Check if contractor.

AGENT NAME WOM POWERS / M. WHITE TEL. (201) 227-5900

TEL: (201) 227-5900

ADDRESS

MONARCH POOLS, INC.

165 Route 46

SIGNATURE PAKFIELD, NJ

ZARFIELD, NJ

PERMIT CONTROL

Page 4

I. PLAN REVIEW STATUS

Updated at time of receipt of drawings and when plans are approved.

☐ PARTIAL RELEASES

☐ PROTOTYPE PLAN - FILE LOCATION AND NO. _____

Plan Review Required	Type of Work	Plans Received By	Approval Date	Reviewer	Comments
☒	BUILDING				
	Footings/Foundations				
	Framing				
	Architectural				
	Other				
☒	PLUMBING				
☒	ELECTRICAL				
☐	FIRE PROTECTION				
☐	OTHER				

II. PERMIT/INSPECTION STATUS

Updated at time of permit and after final approvals.

Issue Date	Category	Revisions	Final Inspection	Comments
	ALL CONSTRUCTION			
	BUILDING			
	Footings/Foundations			
	Framing			
	Architectural			
	Other			
	PLUMBING			
	ELECTRICAL			
	FIRE PROTECTION			
	OTHER			

III. CERTIFICATES ISSUED

CERTIFICATES TO BE ISSUED:

	Date Issued
☐ Temporary Certificate of Occupancy	
☐ Temporary Certificate of Occupancy	
☒ Certificate of Occupancy	1/3/89
☐ Certificate of Continued Occupancy	
☐ Certificate of Approval	
☐ None	

IV. ON-GOING INSPECTIONS

On-going Inspections Required (See Page 1, II.D.)	Date Posted to Log and Ticker

V. FEE SUMMARY

Initial fee collection recorded in A; all others in section B.

A. COLLECTED AT TIME OF CONSTRUCTION PERMIT ISSUANCE

	AMOUNT
BUILDING	\$ 78.00
PLUMBING	
ELECTRICAL	55.00
FIRE PROTECTION	
OTHER	
SUBTOTAL	\$ 133.00
- LESS: 20% of subtotal (when plan review performed by state agency).	(26.60)
D.C.A. TRAINING FEE .0006 x	
CERTIFICATE OF OCCUPANCY	25.00
OTHER	
TOTAL COLLECTED WHEN PERMIT ISSUED	\$ 168.00
DATE 9-6-88 Collected By M. Stamps	

B. COLLECTED AFTER CONSTRUCTION PERMIT ISSUANCE

Date	Collected By	AMOUNT

C. TOTAL CONSTRUCTION FEES COLLECTED

	AMOUNT
COLLECTED WITH PERMIT (VA)	\$ 168.00
COLLECTED AFTER PERMIT (VB)	
TOTAL	\$ 168.00



CONSTRUCTION PERMIT APPLICATION

ADEY

Page 1

I. IDENTIFICATION

1. Proposed Work at:	25 Mt View Dr Chester
2. Owner Name:	Deey Rich
Address:	25 Mt View Dr Chester
3. Principal Contractor:	Morandys Poles Inc. Tel. (201) 271-5900
Address:	605 Rt 46 Fairfield NJ
Lic. No. or Builder Reg. No.:	26537
Federal Emp. No.:	222050933
4. Architect or Engineer:	Morandys Poles Inc. Tel. (201) 271-5900
Address:	264 Park Ave Caldwell NJ
5. Responsible Person in Charge of Work:	M. White Tel. (201) 271-5900

II. PROPOSED WORK

A. TYPE OF WORK	B. CATEGORIES OF WORK	D. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?
1. ☐ Minor Work (Single Trade)	Permit/Category Estimated	1. ☐ Elevators/Dumbwaiters
2. ☐ Small Job (\$5,000 and no Prior Approvals)		2. ☐ High-Pressure Boilers
Complete only II.B., III and IV.A. and Page 2		3. ☐ Refrigeration Systems
3. ☐ New Building		4. ☐ Pressure Vessels
4. ☐ Addition		5. ☒ Hazardous Uses/Places of Assembly
5. ☐ Alteration		6. ☒ Cross-connections/Backflow Preventors
6. ☐ Repair, Replacement		7. ☐ Sprinklers
7. ☐ Demolition		8. ☐ Smoke Control Systems in Open Wells
8. ☒ Other	TOTAL COST \$ 635	
	C. DO YOU WANT:	
	1. ☐ Partial Releases	
	2. ☐ Prototype Processing	

III. DESCRIPTION OF BUILDING USE (USE GROUPS)

A. RESIDENTIAL	B. NON-RESIDENTIAL
1. ☐ Hotels (R-1)	5. ☐ Theatres with Stage (A-1-A)
2. ☐ Multi-Family (R-2)	6. ☐ Movie Theatres (A-1-B)
HMD Reg. No.:	7. ☐ Night Clubs (A-2)
3. ☐ Two Family (R-3b)	8. ☐ Restaurants, Libraries, Museums (A-3)
4. ☐ One-Family (R-3a)	9. ☐ Religious Assembly (A-4)
	10. ☐ Outdoor Assembly (A-5)
	11. ☐ Business (B)
	12. ☐ Educational (E)
	13. ☐ Moderate-Hazard Factory (F-1)
	14. ☐ Low-Hazard Factory (F-2)
	15. ☐ High-Hazard (H)
	16. ☐ Institutional Detention Center (I-1)
	17. ☐ Hospitals, Infirmarys (I-2)
	18. ☐ Group Homes (I-3)
	19. ☐ Mercantile (M)
	20. ☐ Moderate-Hazard Warehouse (S-1)
	21. ☐ Low-Hazard Warehouse (S-2)
	22. ☐ Temporary, Misc. (U)
	23. ☐ Other

State Specific Use:

If Change in Use Group, Indicate Former:

IV. BUILDING CHARACTERISTICS

A. OWNERSHIP	B. HEATING FUEL	C. TYPE OF SEWAGE DISPOSAL	D. TYPE OF WATER SUPPLY	E. BUILDING CHARACTERISTICS
1. ☐ Private (Individual, Corp., Non-profit Inst., etc.)	Principal Secondary Type	10. ☐ Public or Private Company	12. ☐ Public or Private Company	14. No. of Stories
2. ☐ Public (State, County or Local Govt.)	3. ☐ Gas	11. ☐ Private (Septic Tank, etc.)	13. ☐ Private (Well, etc.)	15. Height of Structure
	4. ☐ Oil			16. Area-Largest Floor
	5. ☐ Electric			17. Bldg. Area-All Fls.
	6. ☐ Solid (Wood, Coal, etc.)			18. Volume of Structure
	7. ☐ Propane			19. Total Land Area Disturbed
	8. ☐ Solar			
	9. ☐ Other			



CERTIFICATE

CERT. NO.	170-88
DATE ISSUED	1/3/89
Block	10-3
Lot	9
Subdivision	

IDENTIFICATION

Owner Adey Rich Agent Monarch Pools
Address 25 Mt View Rd, DR Address 665 Route 46
Chester, N.J. Fairfield, N.J.
Tel. [REDACTED]
Work Site Address S Lic. No. 26537
A Federal Emp. No. 22-2050933
M
E

PAYMENTS

Fees Remitted \$
☐ Check No.
☐ Cash MA
☐ Other
Collected By:
Date:

CERTIFICATE OF OCCUPANCY/APPROVAL

- A. ☐ CERTIFICATE OF OCCUPANCY ☒ CERTIFICATE OF APPROVAL

This serves notice that said building, structure, or equipment has been constructed or installed in accordance with the New Jersey Uniform Construction Code, and is approved for use and/or occupancy.

- B. ☐ CERTIFICATE OF CONTINUED OCCUPANCY

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

- C. ☐ TEMPORARY CERTIFICATE OF OCCUPANCY

If this is a Temporary Certificate of Occupancy the following conditions must be met no later than , 19 or the owner will be subject to a fine or order to vacate:

D. DESCRIPTION OF WORK: IN GROUND POOL

USE GROUP FIRE GRADING
MAXIMUM LIVE LOAD MAXIMUM OCCUPANCY LOAD
SPECIFIC USE IN GROUND POOL

FINAL COST OF CONSTRUCTION: \$ 6,395.00

Robert Conn
CONSTRUCTION OFFICIAL



ELECTRICAL SUBCODE TECHNICAL SECTION



PERMIT NO. 170-88
DATE ISSUED 9-6-88
REVISION DATE _____
Block 10-3 Lot 9
Subdivision _____

A. IDENTIFICATION

APPLICANT - Complete/unshaded areas only

When changing contractors, notify this office

Owner Home View

Contractor

Address 2500 N. View

Address

Work Site Address SA ME

Lic.No./Bus. Permit.

Federal Emp. No.

CERTIFICATION IN LIEU OF OATH:

(Complete for Minor Work and Small Job Only)

I hereby certify that the proposed work is authorized by the owner of record and I have been authorized by the owner to make this application as his agent.

AGENT SIGNATURE

B. TECHNICAL SITE DATA

List all wiring and equipment and provide necessary data

TYPE OF WORK:

No.	Item	Fee	No.	Item	Fee	Fee
	Switching Outlets	\$		H.V.A.C. Equipment	\$	COLUMN 1 \$
	Lighting Outlets			Switching Devices		COLUMN 2 \$
	Receptacle Outlets			Transformers		
	Range/Oven			Motors/Generators/Compressors		SUBTOTAL \$
	Dryer, Electric			(state no. and size of each)		Minimum Electrical Fee (If applicable) \$
	Water Heater, Electric					Total Electrical Fee (Greater of Minimum or Subtotal) \$
7	Heating, Electric					
7	Switches			Other		
7	Lighting Fixtures			Other		
7	Receptacles			Other		
	Bonding, Pool/Vault			Other		
	Service/Feeders			Other		

COLUMN 1 \$

COLUMN 2 \$

C. ELECTRICAL CHARACTERISTICS

USE GROUP: _____ Present _____ Proposed

Service: _____ Amps _____ Phase _____ System Type

Wire 220 Volts 077 Wiring Method

Total No. of Meters: _____

Estimated Cost of Electrical Work: \$ 125

D. COMMENTS

☐ Partial Releases

☐ Prototype Processing

PLAN REVIEW AND INSPECTION - ELECTRICAL

DATE _____

JOB CONDITION/COMMENTS[illegible]

JOB SUMMARY

- ☐ No Plans Required
☐ Plan Review Approved

Date:

Approved By:

INSPECTIONS FINAL

- ☐
- CO
- ☐
- CCO
- ☐
- CA

Date:

Inspected By:

INSPECTIONS

Type

Failure Dates

Approval Date

- ☒ Rough
☐ Energy
☐ Mechanical
☐ TCO
☐ Other _____

CUT-IN

Date issued

Expiration Date

Temporary Cut-in-Card

Temporary Cut-in-Card

Final Cut-in-Card

PLAN REVIEW AND INSPECTION — BUILDING

DATE

JOB CONDITION/COMMENTS

9/30/88 Stud JS
1/3/89 Complete JS

Fire Grading:

Maximum Live Load:

Maximum Occupancy Load:

JOB SUMMARY

PLAN REVIEW

	Date	Initials
☐ No Plans Required		
☐ All		
☐ Footing/Foundation		
☐ Frame		
☐ Architectural		
☒ Other	8/16/88	JS

INSPECTIONS FINAL

☐ CO ☐ CCO ☐ CA

Date: _____

Inspected By: _____

INSPECTIONS

Type	Failure Dates			Approval Date
☐ Footing/Foundation				
☐ Slab				
☐ Frame				
☐ Architectural				
☐ Insulation				
☐ Finishes				
☐ Energy				
☐ Mechanical				
☐ TCO				
☐ Other				



CONSTRUCTION PERMIT

PERMIT NO. 170-88
DATE ISSUED 9-6-88
Block 10-3 Lot 7
Subdivision _____

A. IDENTIFICATION

Owner Haley Agent Michael Hoot
Address 25 1st Avenue Address 605 Rt 46
Princeton Princeton
Tel. (609) 227-5900
Work Site Address SH HE Lic. No. 26537
Federal Emp. No. 200050933

PAYMENTS

Permit Fee \$ _____
Fees Remitted \$ 168
☐ Check No. _____
☐ Cash paid
☐ Other _____
Collected By: M. Stamp
Date: 9-6-88

is hereby granted permission
to perform the following work:

- ☐ BUILDING ☐ ELECTRICAL
☐ PLUMBING ☐ FIRE PROTECTION
☒ OTHER Hydraulic Power

Description of work:

20x40 Galvanized
steel well
1000 ft deep
for

NOTE: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work: \$ 639

CONSTRUCTION OFFICIAL



ELECTRICAL SUBCODE TECHNICAL SECTION



PERMIT NO. 170-88
DATE ISSUED 9-6-88
REVISION DATE _____
Block 10-3 Lot 9
Subdivision _____

A. IDENTIFICATION

APPLICANT - Complete unshaded areas only

When changing contractors, notify this office

Owner F. J. DeVito Contractor F. J. DeVito
Address 250 [redacted] Address [redacted]
Tel. () _____
Work Site Address SA [redacted] Lic.No./Bus. Permit. OWNE
Federal Emp. No. _____

CERTIFICATION IN LIEU OF OATH:

(Complete for Minor Work and Small Job Only)

I hereby certify that the proposed work is authorized by the owner of record and I have been authorized by the owner to make this application as his agent.

W. R. Odey
AGENT SIGNATURE

B. TECHNICAL SITE DATA

List all wiring and equipment and provide necessary data

TYPE OF WORK:

No.	Item	Fee	No.	Item	Fee	Fee
	Switching Outlets	\$		H.V.A.C. Equipment	\$	COLUMN 1 \$
	Lighting Outlets			Switching Devices		COLUMN 2
	Receptacle Outlets			Transformers		SUBTOTAL \$
	Range/Oven			Motors/Generators/Compressors (state no. and size of each)		Minimum Electrical Fee (If applicable) \$
	Dryer, Electric					Total Electrical Fee (Greater of Minimum or Subtotal) \$ <u>55.-</u>
	Water Heater, Electric					
	Heating, Electric					
1	Switches		1	Other		
1	Lighting Fixtures			Other		
	Receptacles			Other		
	Bonding, Pool/Vault			Other		
	Service/Feeders			Other		
COLUMN 1 \$			COLUMN 2 \$			

C. ELECTRICAL CHARACTERISTICS

USE GROUP: _____ Present OH Proposed System Type
Service: _____ Amps _____ Phase _____
Wire 220 Volts OH Wiring Method
Total No. of Meters: _____
Estimated Cost of Electrical Work: \$ 125.-

D. COMMENTS

☐ Partial Releases

☐ Prototype Processing



PERMIT NO. 170-88
DATE ISSUED 9-6-88
REVISION DATE _____
Block 10-3 Lot 9
Subdivision _____

A. IDENTIFICATION

APPLICANT Complete unshaded areas only

When changing contractors, notify this office

Owner Hilly
Address 2501 My View

Contractor Morand 100
Address 605 RT 46

Work Site Address 5711 E

Tel. (201) 272 5500
Lic. No. 26537
Federal Emp. No. 22205933

CERTIFICATION IN LIEU OF OATH:

(Complete for Minor Work and Small Job Only)

I hereby certify that the proposed work is authorized by the owner of record and I have been authorized by the owner to make this application as his agent.

AGENT SIGNATURE

B. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Give detail description including materials used, dimensions, etc.

20x40 Galvanized
Steel Wall
Vinyl Siding
Asph/Flt Shingles

TYPE OF WORK:

- ☐ New Building
☐ Addition
☐ Alteration/Renovation
☐ Roofing
☐ Siding
☐ Other _____
☐ Demolition
☐ Miscellaneous
☐ Fence
☐ Sign
☐ Pool
☐ Elevator
☐ Other _____

Fee Basis

Fee

	\$

SUBTOTAL

Minimum Building Fee (if applicable) \$
Total Building Fee (Greater of Minimum or Subtotal) \$ 78

☒ See Plans

C. BUILDING CHARACTERISTICS

USE GROUP: _____ Present. _____ Proposed

No. of Stories _____

Total Building Area—All Floors _____ Sq. Ft.

Height of Structure _____ Ft.

Volume of Structure _____ Cu. Ft.

Area—Largest Floor _____ Sq. Ft.

Total Land Area Disturbed 800 Sq. Ft.

Estimated Cost of Building Work: \$ 6395

D. COMMENTS

Billed

☐ Partial Releases ☐ Prototype Processing

TOWNSHIP OF CHESTER
CONSTRUCTION OFFICE
P. O. BOX 428
CHESTER, NEW JERSEY 07930
(201) 879-5584

POOL FENCING

1988

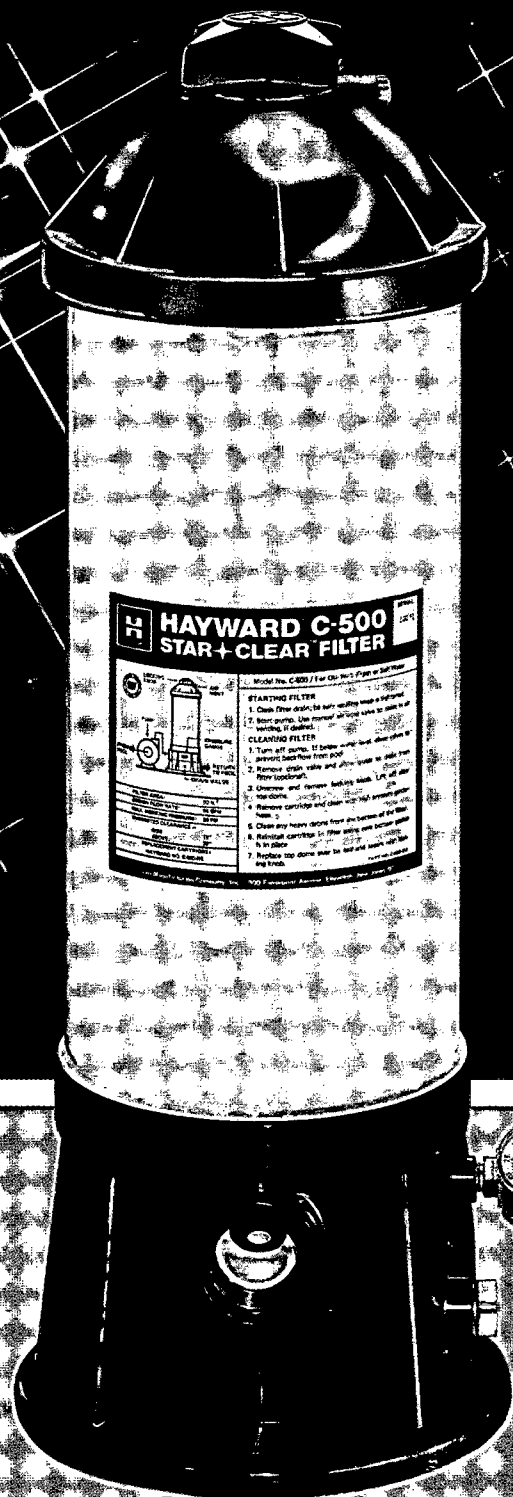
THE TOWNSHIP OF CHESTER, NEW JERSEY, IS ENFORCING FENCING REQUIREMENTS FOR ALL NEW IN-GROUND POOLS.

A PERMANENT FENCE FOUR FEET HIGH, NON-CLIMABLE WITH SELF CLOSING, SELF LATCHING GATE MUST BE INSTALLED WITHIN 30 DAYS OF FINAL INSPECTION OF THE POOL.

REFERENCE: B.O.A.C., NATIONAL UNIFORM CONSTRUCTION CODE OF 1987, SECTION # 625.9.

A PERMIT FOR CONSTRUCTION OF AN IN-GROUND POOL WILL NOT BE ISSUED UNTIL SIGNED CONFIRMATION IS RECEIVED BY THE CHESTER TOWNSHIP CONSTRUCTION OFFICIAL.

I Warren Richard Kelly WILL HAVE FENCING INSTALLED AS REQUIRED.



**ENJOY CRYSTAL CLEAR WATER
WITH THE ULTIMATE IN
CARTRIDGE CONVENIENCE
AND ECONOMY.**

THE HAYWARD® Star-Clear™ CARTRIDGE FILTER

Block 10-3, LOT 9

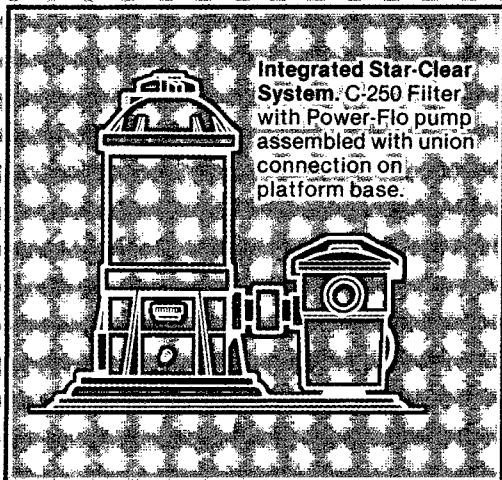
- High Efficiency Performance
- Ease of Operation
- Durable, Corrosion-Proof Construction

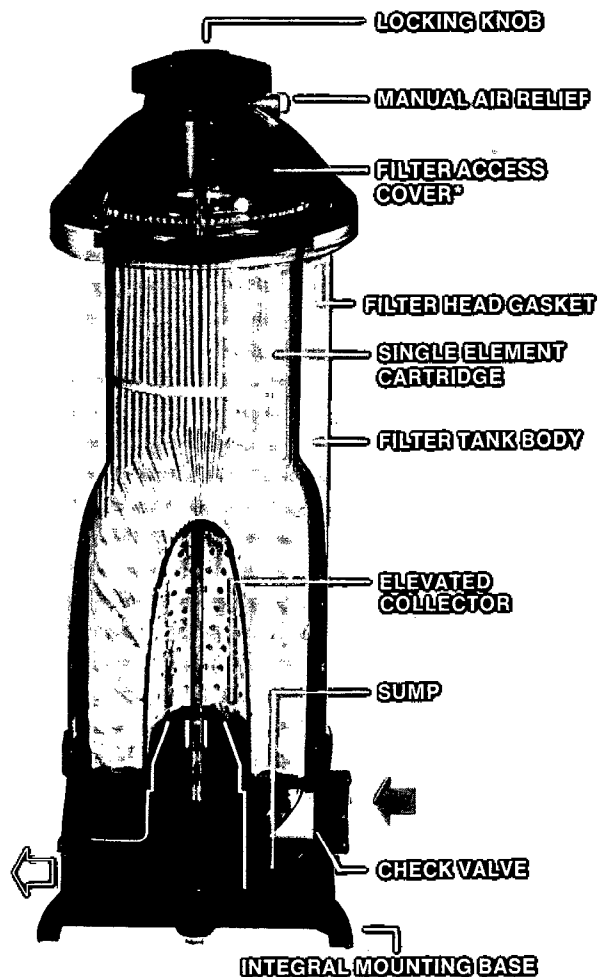
Hayward Star-Clear Filters provide sparkling pure water for a wide range of pool sizes and types. From spas, hot tubs and above-ground pools, to large in-ground pools, Star-Clear Filters deliver full size filter system performance — in an easy to afford package.

The Star-Clear Filter is designed for ease of operation and dependability. All feature a single element, reinforced polyester cartridge in a corrosion-proof Duralon™ housing, and an attractive filter cover to provide easy access to the cartridge element.

And talk about easy — when the filter needs cleaning, simply unscrew the locking knob, lift out the cartridge, hose it clean and slip it back in place. No cumbersome clamps, screws, or separators.

Star-Clear Filters are available in 3 sizes — as separate filters or as complete integrated filter systems. From the compact 25 GPM C-250 to the large 72 GPM C-750, Star-Clear sets the standard for performance, value and convenience.





*Covers shown clear to illustrate cartridge element position.

SPECIFICATIONS

FILTER TYPE:	Single element cartridge
CARTRIDGE:	Reinforced polyester
FILTER TANK:	Injection molded Duralon™
PERFORMANCE RANGE:	25 - 72 GPM (½ to 2 HP)
FILTER/PUMP BASE:	Platform base
CONNECTIONS:	Quick connect union

PERFORMANCE DATA

FILTER	HEIGHT	FILTER AREA (Sq. Ft.)	MAX RATED FLOW (GPM)	GALLONS PER HOUR	POOL CAPACITY (gallons) BASED ON 8 HOUR TURNOVER
C-250	19½"	25	25	1500	12,000
C-500	29½"	50	50	3000	24,000
C-750	39½"	75	75	4500	36,000

FEATURES OF THE STAR-CLEAR

LOCKING KNOB securely fastens filter head to filter tank, eliminating clamps or bolts.

MANUAL AIR RELIEF for easy, manual release of air from system. Supplements built-in automatic air relief feature.

FILTER ACCESS COVER. Attractive, durable cover provides easy access to cartridge element.

FILTER HEAD GASKET. Unique flex-seal design gives positive sealing over a full range of operating pressures.

SINGLE ELEMENT CARTRIDGE. Engineered of high quality reinforced polyester with gasketed integral molded end caps for maximum efficiency, easier cleaning, and longer life.

FILTER TANK BODY. Injection molded of rugged Duralon™ for strength and corrosion resistance. Test approved for operation up to 50 psi.

COLLECTOR/SUMP. Exclusive elevated filtered water collector and debris sump prevent accidental by-pass of heavy debris to pool return when cartridge is removed for cleaning.

CHECK VALVE prevents backflow of dirt particles to system when pump is shut off.

INTEGRAL MOUNTING BASE. Provides stable corrosion-free support and allows filter to be used separately or mounted as a complete filter, pump and platform base system.

DRAIN ASSEMBLY. ½" FPT filter drain tap also provides fast draining for elevated spas and tubs. Also will accept standard spigot valve.



SYSTEMS. Star-Clear Filters are available in pre-engineered systems with platform base, quick connect unions and choice of Power-Flo, Power-Flo II or Max-Flo pump. Your dealer will help you select the system that will provide maximum efficiency at the least cost.



HAYWARD POOL PRODUCTS, INC.

Hayward Pool Products, Inc.
12900 Fairmount Avenue
Elizabeth, NJ 07207

Hayward Pool Products, Inc.
2875 Pomona Boulevard
Pomona, CA 91768

Hayward Pool Products Canada
6597 Kitimat Road
Mississauga, Ontario L5N4J4

Hayward S.A.
245. Rue Du Rond Point
B6060 Gilly, Belgium

Printed in U.S.A.



**ENJOY CRYSTAL CLEAR WATER
WITH THE ULTIMATE IN
CARTRIDGE CONVENIENCE
AND ECONOMY.**

THE HAYWARD® Star-Clear™ CARTRIDGE FILTER

Block 10-3, Lot 9

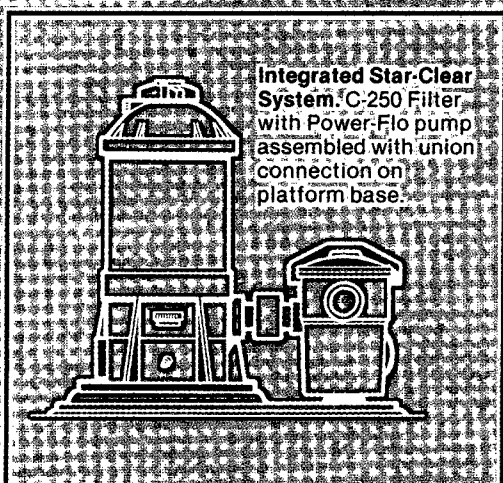
- High Efficiency Performance
- Ease of Operation
- Durable, Corrosion-Proof Construction

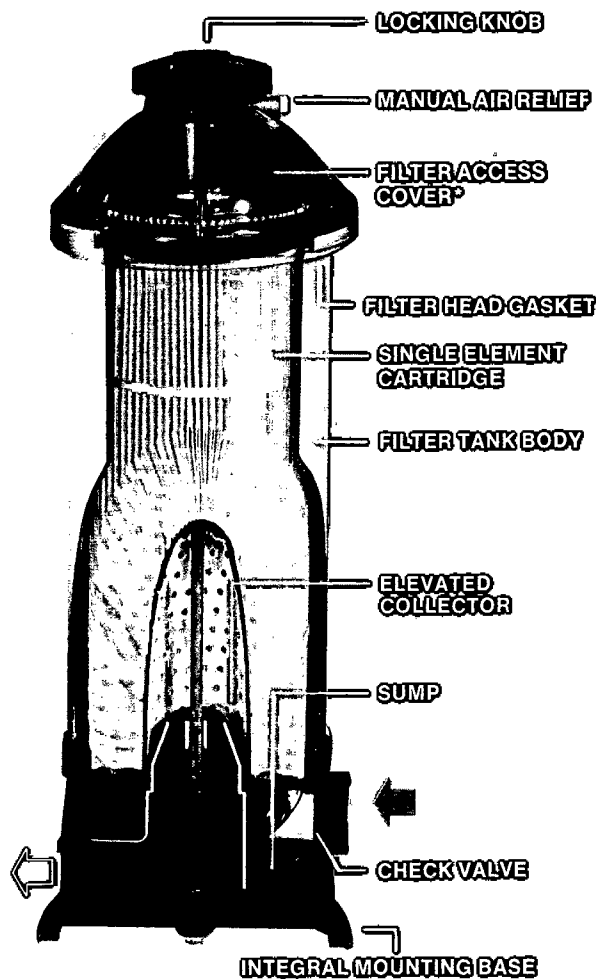
Hayward Star-Clear Filters provide sparkling pure water for a wide range of pool sizes and types. From spas, hot tubs and above-ground pools, to large in-ground pools, Star-Clear Filters deliver full size filter system performance — in an easy to afford package.

The Star-Clear Filter is designed for ease of operation and dependability. All feature a single element, reinforced polyester cartridge in a corrosion-proof Duralon™ housing, and an attractive filter cover to provide easy access to the cartridge element.

And talk about easy — when the filter needs cleaning, simply unscrew the locking knob, lift out the cartridge, hose it clean and slip it back in place. No cumbersome clamps, screws, or separators.

Star-Clear Filters are available in 3 sizes — as separate filters or as complete integrated filter systems. From the compact 25 GPM C-250 to the large 72 GPM C-750, Star-Clear sets the standard for performance, value and convenience.





**Cover shown clear to illustrate cartridge element position.*

SPECIFICATIONS

FILTER TYPE:	Single element cartridge
CARTRIDGE:	Reinforced polyester
FILTER TANK:	Injection molded Duralon™
PERFORMANCE RANGE:	25 - 72 GPM (½ to 2 HP)
FILTER/PUMP BASE:	Platform base
CONNECTIONS:	Quick connect union

PERFORMANCE DATA

FILTER	HEIGHT	FILTER AREA (Sq. Ft.)	MAX RATED FLOW (GPM)	GALLONS PER HOUR	POOL CAPACITY (gallons) BASED ON 8 HOUR TURNOVER
C-250	19½"	25	25	1500	12,000
C-500	29½"	50	50	3000	24,000
C-750	39½"	75	75	4500	36,000

FEATURES OF THE STAR-CLEAR

LOCKING KNOB securely fastens filter head to filter tank, eliminating clamps or bolts.

MANUAL AIR RELIEF for easy, manual release of air from system. Supplements built-in automatic air relief feature.

FILTER ACCESS COVER. Attractive, durable cover provides easy access to cartridge element.

FILTER HEAD GASKET. Unique flex-seal design gives positive sealing over a full range of operating pressures.

SINGLE ELEMENT CARTRIDGE. Engineered of high quality reinforced polyester with gasketed integral molded end caps for maximum efficiency, easier cleaning, and longer life.

FILTER TANK BODY. Injection molded of rugged Duralon™ for strength and corrosion resistance. Test approved for operation up to 50 psi.

COLLECTOR/SUMP. Exclusive elevated filtered water collector and debris sump prevent accidental by-pass of heavy debris to pool return when cartridge is removed for cleaning.

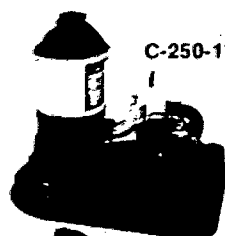
CHECK VALVE prevents backflow of dirt particles to system when pump is shut off.

INTEGRAL MOUNTING BASE. Provides stable corrosion-free support and allows filter to be used separately or mounted as a complete filter, pump and platform base system.

DRAIN ASSEMBLY. ½" FPT filter drain tap also provides fast draining for elevated spas and tubs. Also will accept standard spigot valve.



C-250-1575



C-250-1775



C-500-1575UL



C-500-1800X5V

SYSTEMS. Star-Clear Filters are available in pre-engineered systems with platform base, quick connect unions and choice of Power-Flo, Power-Flo II or Max-Flo pump. Your dealer will help you select the system that will provide maximum efficiency at the least cost.



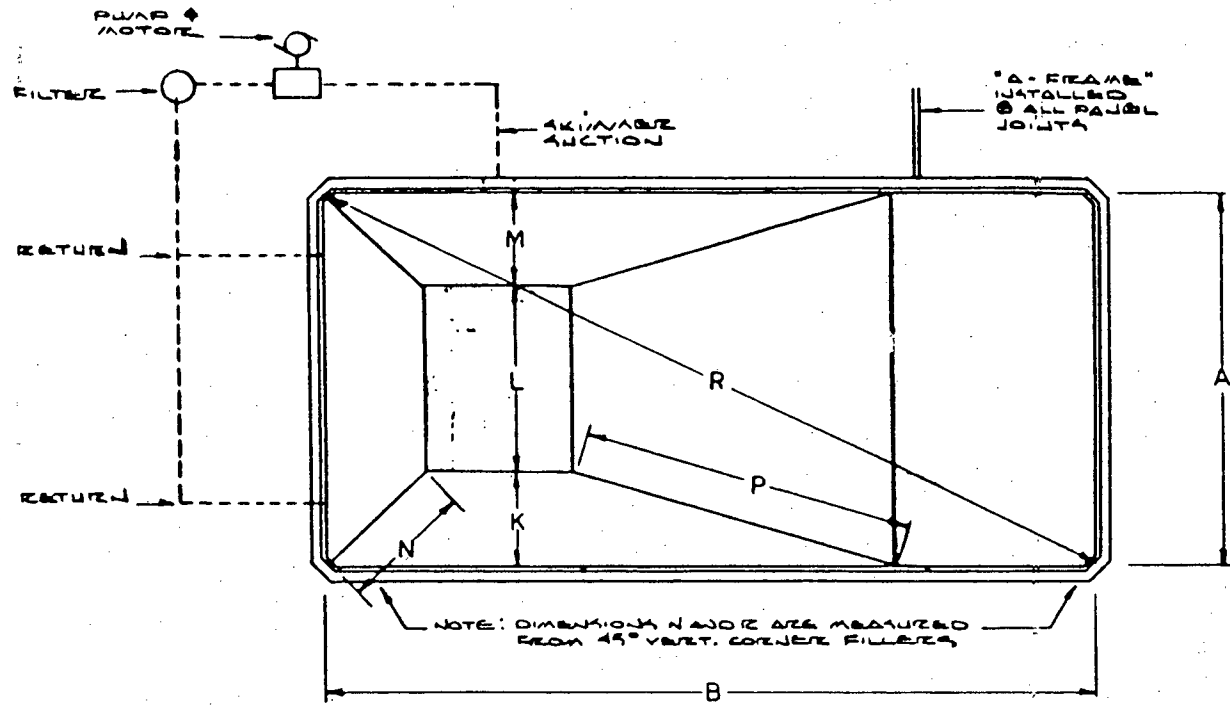
HAYWARD POOL PRODUCTS, INC.

Hayward Pool Products, Inc.
12900 Fairmount Avenue
Elizabeth, NJ 07207

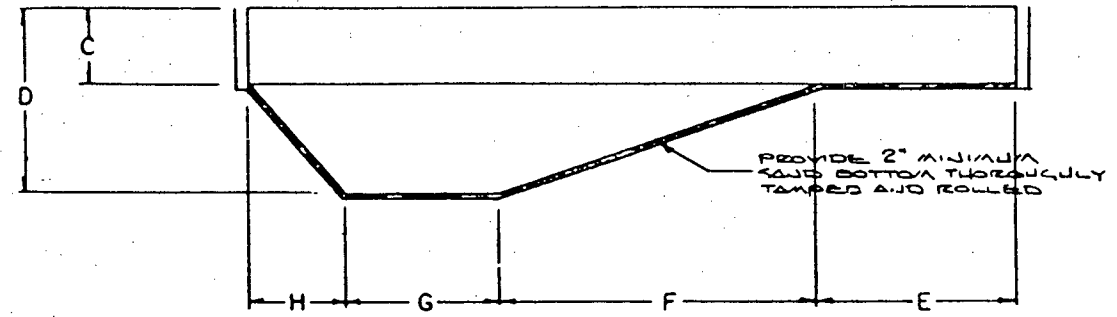
Hayward Pool Products, Inc.
2875 Pomona Boulevard
Pomona, CA 91768

Hayward Pool Products Canada
6597 Kitimat Road
Mississauga, Ontario L5N4J4

Hayward S.A.
245, Rue Du Rond Point
B6060 Gilly, Belgium



PLAN OF POOL



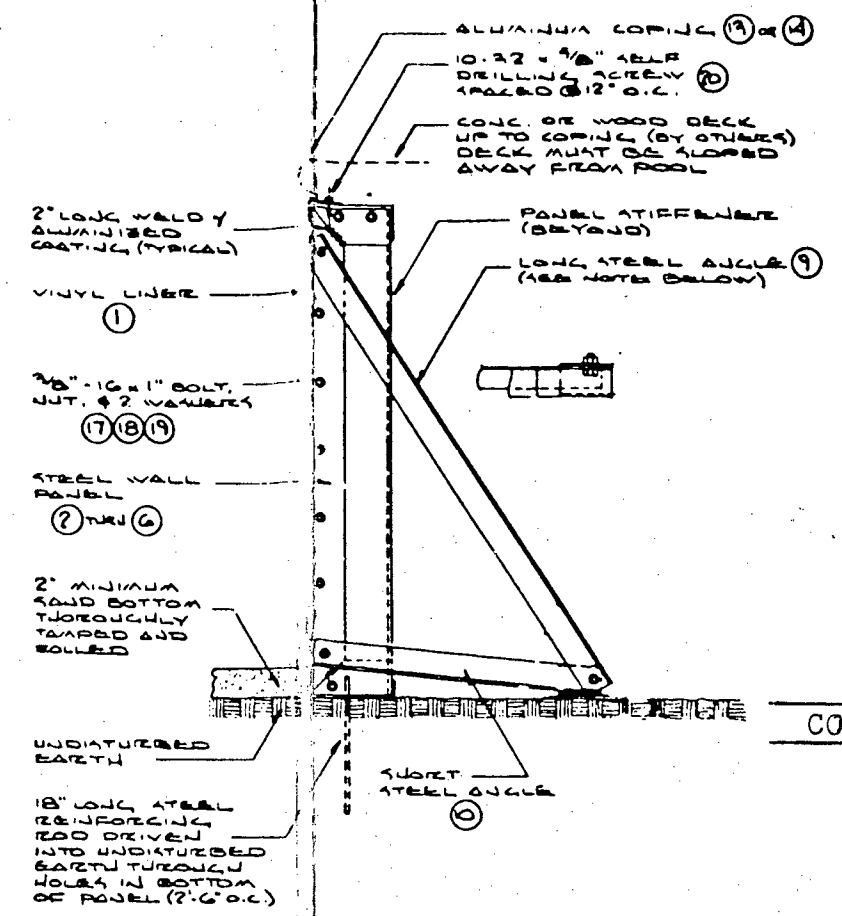
LONGITUDINAL SECTION

SCHEDULE OF DIMENSIONS:															GALLONS
POOL SIZE	A	B	C	D	E	F	G	H	K	L	M	N	P	R	
12' x 24'	12'	24'	3'-4"	6'-0"	6'-0"	8'-0"	6'-0"	4'-0"	4'-0"	4'-0"	4'-0"	6'-0"	9'-4"	26'-5"	8,780
14' x 28'	14'	28'	3'-4"	6'-0"	8'-0"	12'-0"	4'-0"	4'-0"	4'-0"	6'-0"	4'-0"	6'-0"	12'-11"	30'-0"	11,740
16' x 24'	16'	24'	3'-4"	7'-0"	6'-0"	8'-0"	6'-0"	4'-0"	4'-0"	8'-0"	4'-0"	6'-6"	9'-8"	28'-5"	13,340
16' x 32'	16'	32'	3'-4"	8'-0"	8'-6"	13'-6"	6'-0"	4'-0"	4'-0"	8'-0"	4'-0"	7'-1 1/2"	14'-10"	31'-4"	19,160
16' x 34'	16'	34'	3'-4"	8'-0"	10'-6"	13'-6"	6'-0"	4'-0"	4'-0"	8'-0"	4'-0"	7'-1 1/2"	14'-10"	31'-2"	20,275
18' x 36'	18'	36'	3'-4"	8'-0"	10'-6"	13'-6"	8'-0"	4'-0"	4'-0"	10'-0"	4'-0"	7'-1 1/2"	14'-10"	33'-10"	24,735
20' x 40'	20'	40'	3'-4"	8'-0"	12'-6"	13'-6"	10'-0"	4'-0"	4'-0"	12'-0"	4'-0"	7'-1 1/2"	14'-10"	44'-3 1/2"	31,040
25' x 50'	25'	50'	3'-4"	8'-6"	20'-6"	13'-6"	12'-0"	4'-0"	4'-0"	17'-0"	4'-0"	7'-3 1/2"	15'-0"	55'-5 1/2"	51,170
30' x 60'	30'	60'	3'-4"	8'-6"	20'-6"	15'-0"	20'-6"	4'-6"	4'-6"	21'-0"	4'-6"	7'-11 1/8"	16'-5 1/8"	66'-8"	77,165

* - DESIGNATES TYPE I POOL - NO DIVING BOARD IS PERMITTED!
 ** - NUMBER OF GALLONS IS BASED ON APPROXIMATE VOLUME OF POOL ASSUMING WATER LEVEL IS 6" FROM TOP OF LINER.

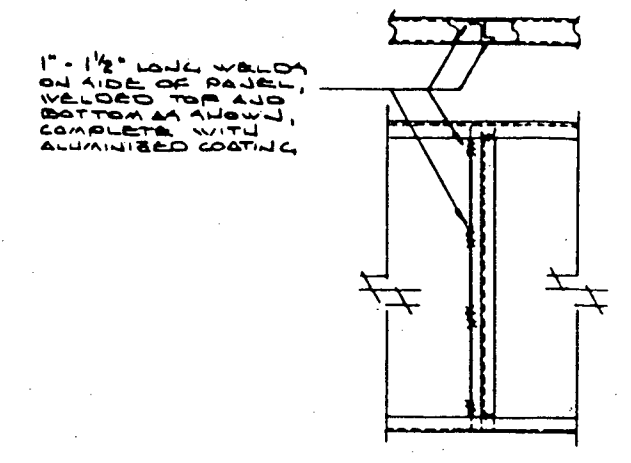
GENERAL NOTES:

1. MATERIAL - 14 GAGE COPPER BEARING STEEL FINISHED WITH 20% PURE ZINCALCUM COATING BOTH SIDES.

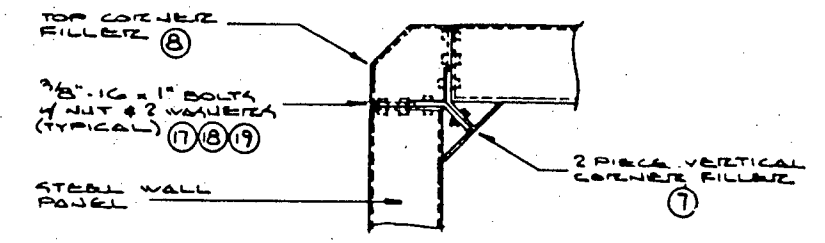


TYPICAL SECTION @ A-FRAME

DESIGN NOTE: CRITICAL STRESS OCCURS IN DIAGONAL TIE OF "A-FRAME" (LONG ANGLE) - ASSUMING POOL IS FULL AND THERE IS NO EARTH RESISTANCE. THE ACTUAL P = 2120 LBS (ANGLE ABOUT 8-8 AND GOOD FOR 2840 LBS)



TYPICAL PANEL STIFFENER DETAIL



CORNER CONNECTION DETAIL

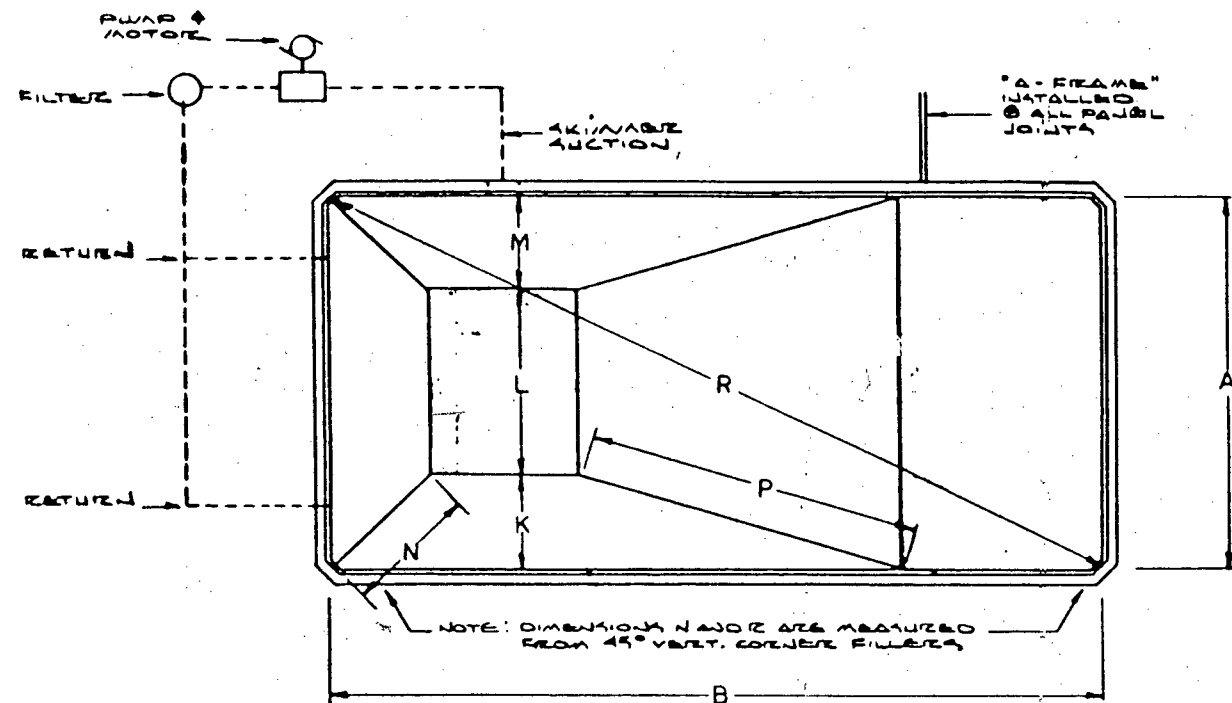
DESIGN NOTE: TOTAL PRESSURE @ CORNER CONJ. = 1720 LBS. EACH BOLT IN CORNER CONNECTION, 4 SINGLE SHEAR @ TIGHTENING, IS GOOD FOR 986 LBS. EACH CORNER IS COMPLETE W/ 7 BOLTS INTO EACH PANEL = 7 x 986 = 6902

BILL OF MATERIALS:																								
ITEM	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
DESCRIPTION	1/2" VINYL LINER	4" x 4" STEEL WALL PANEL	6" x 6" STEEL WALL PANEL	8" x 8" STEEL WALL PANEL	10" x 10" STEEL WALL PANEL	2 PC. VERTICAL CORNER FILLET	TOP CORNER FILLET	LONG STEEL ANGLE	SHORT STEEL ANGLE				6" x 6" LONG ALUM. COPING	12" x 12" LONG ALUM. COPING	CORNER COPING	COPING CLIP	3/8" - 16 x 1" LONG WELD BOLT	3/8" - 16 NUT	3/8" - 16 WASHER	3/8" - 16 PLAT. W/ 2 HOLES	10.32 x 1/2" ALER DRILLING ACTUALLY			
POOL SIZE	12' x 24'	14' x 28'	16' x 24'	16' x 32'	16' x 34'	18' x 36'	20' x 40'	25' x 50'	30' x 60'															
QUANTITY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
UNIT PRICE																								
TOTAL PRICE																								

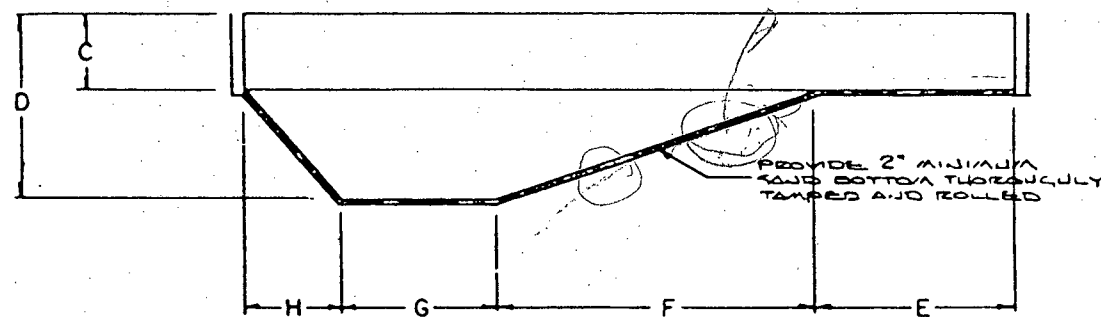
Monarch Pools, Inc.

GENERAL ARRANGEMENT & INSTALLATION OF RECTANGULAR POOLS

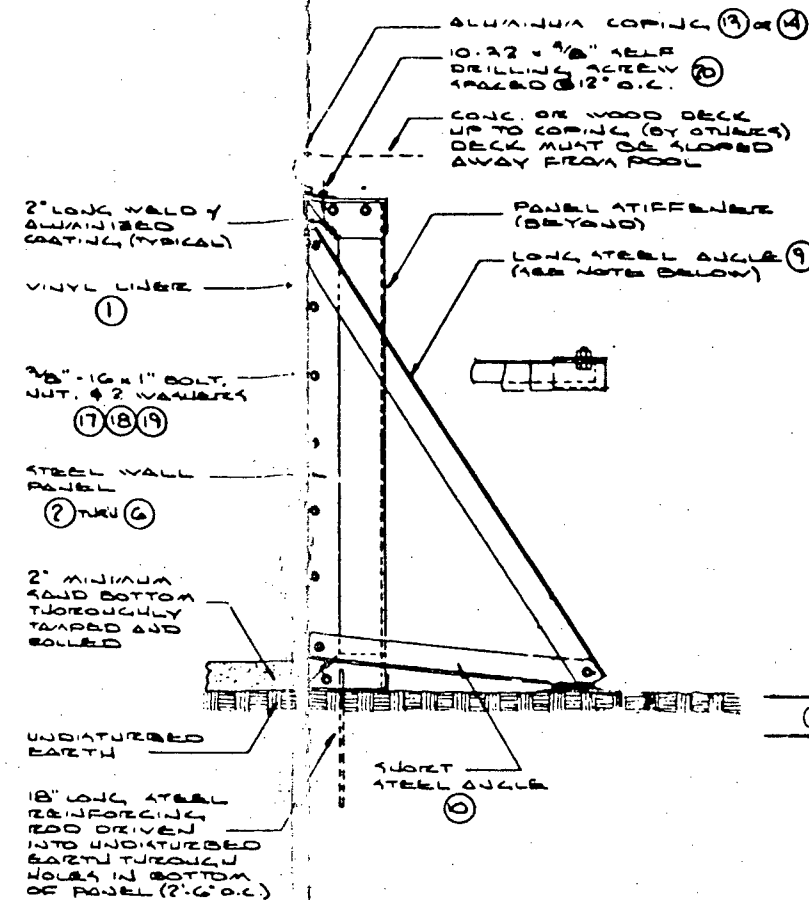
Donald C. Meserlian, P.E.
 264 Park Ave.
 N. Caldwell, NJ 07006
 (201) 228-2258
 11/27/98



PLAN OF POOL

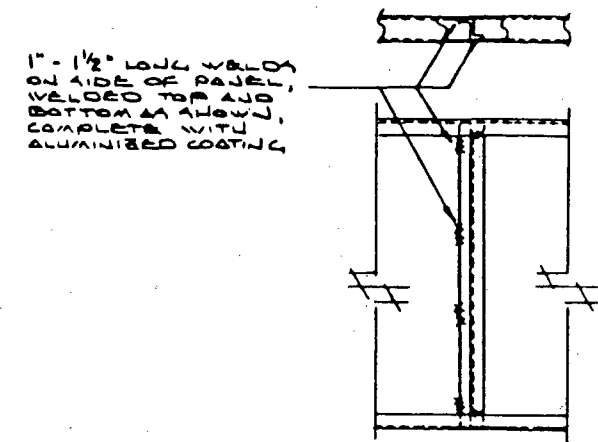


LONGITUDINAL SECTION



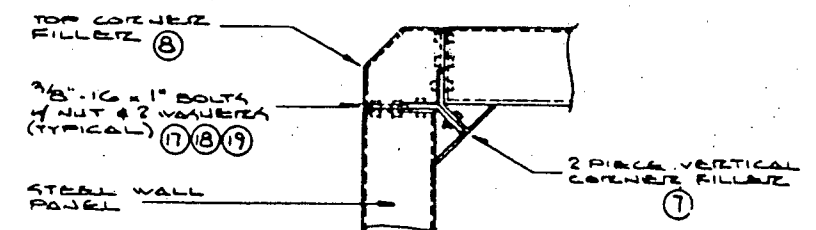
TYPICAL SECTION @ A-FRAME

DESIGN NOTE: CRITICAL STRESS OCCURS IN DIAGONAL AREA OF "A-FRAME" (LONG ANGLE). ASSUMING POOL IS FULL AND THERE IS NO EARTH RESISTANCE, THE ACTUAL P.I. 2200 (ANGLE ABOUT 8.8° AND GOOD FOR 2840#)



TYPICAL PANEL STIFFENER DETAIL

CONCRETE LOCK ALL AROUND POOL AND ON BRACES



CORNER CONNECTION DETAIL

DESIGN NOTE: TOTAL PRESSURE @ CORNER CONN. = 1720#. EACH BOLT IN CORNER CONNECTION, 4" LONG MINIMUM, IS GOOD FOR 986#. EACH CORNER IS COMPLETE 4" BOLT INTO EACH PANEL. 7 x 986 = 6902

SCHEDULE OF DIMENSIONS:

POOL SIZE	A	B	C	D	E	F	G	H	K	L	M	N	P	R	GALLONS
12' x 24'	12'	24'	3'-4"	6'-0"	6'-0"	8'-0"	6'-0"	4'-0"	4'-0"	4'-0"	4'-0"	6'-0"	9'-4"	26'-5"	8,780
14' x 28'	14'	28'	3'-4"	6'-0"	8'-0"	12'-0"	4'-0"	4'-0"	4'-0"	6'-0"	4'-0"	6'-0"	12'-11"	30'-0"	11,740
16' x 24'	16'	24'	3'-4"	7'-0"	6'-0"	8'-0"	6'-0"	4'-0"	4'-0"	8'-0"	4'-0"	6'-6"	9'-8"	28'-5"	13,340
16' x 32'	16'	32'	3'-4"	8'-0"	8'-6"	12'-6"	6'-0"	4'-0"	4'-0"	8'-0"	4'-0"	7'-1 1/2"	14'-10"	31'-2"	19,160
16' x 34'	16'	34'	3'-4"	8'-0"	10'-6"	12'-6"	6'-0"	4'-0"	4'-0"	8'-0"	4'-0"	7'-1 1/2"	14'-10"	31'-2"	20,275
18' x 36'	18'	36'	3'-4"	8'-0"	10'-6"	12'-6"	8'-0"	4'-0"	4'-0"	10'-0"	4'-0"	7'-1 1/2"	14'-10"	31'-10"	24,735
20' x 40'	20'	40'	3'-4"	8'-0"	12'-6"	13'-6"	10'-0"	4'-0"	4'-0"	12'-0"	4'-0"	7'-1 1/2"	14'-10"	44'-3"	31,040
25' x 50'	25'	50'	3'-4"	8'-6"	20'-6"	13'-6"	12'-0"	4'-0"	4'-0"	17'-0"	4'-0"	7'-3 1/2"	15'-0"	55'-5"	51,170
30' x 60'	30'	60'	3'-4"	8'-6"	20'-6"	15'-0"	20'-6"	4'-6"	4'-6"	21'-0"	4'-6"	7'-11 1/8"	16'-5 1/8"	66'-8"	77,165

* - DESIGNATES TYPE I POOL - NO DIVING BOARD IS PERMITTED!

** - NUMBER OF GALLONS IS BASED ON APPROXIMATE VOLUME OF POOL ASSUMING WATER LEVEL IS 6" FROM TOP OF LINER.

GENERAL NOTES:

1. MATERIAL - 14 GAGE COPPER BEARING STEEL FINISHED WITH 2 OZ. PER SQUARE FOOT GALVANIZED COATING BOTH SIDES.

BILL OF MATERIALS:

ITEM	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
DESCRIPTION	VINYL LINER	4" O. STEEL WALL PANEL	6" O. STEEL WALL PANEL	8" O. STEEL WALL PANEL	10" O. STEEL WALL PANEL	2 PC. VERTICAL CORNER FILLER	TOP CORNER FILLER	LONG STEEL ANGLE	SHORT STEEL ANGLE	6" O. LONG ALUM. CORING	12" O. LONG ALUM. CORING	CORNER CORING	CORING CLIP	3/8" - 16 x 1" LONG WELD BOLT	3/8" - 16 x 1" NUT	3/8" - 16 x 1" WASHER	3/8" - 16 x 1" SELF-DRILLING SCREW							
12' x 24'	1	2	-	8	-	4	4	6	6	-	6	4	10	174	174	348	72							
14' x 28'	1	2	2	8	-	4	4	8	8	-	6	4	10	196	196	392	84							
16' x 24'	1	-	-	10	-	4	4	6	6	-	6	4	10	174	174	348	80							
16' x 32'	1	-	-	12	-	4	4	8	8	-	7	4	12	196	196	392	96							
16' x 34'	1	-	-	8	4	4	4	8	8	-	1	7	4	12	196	196	392	100						
18' x 36'	1	-	-	-	12	4	4	8	8	-	-	8	4	14	196	196	392	108						
20' x 40'	1	2	-	14	-	4	4	12	12	-	-	9	4	14	240	240	480	120						
25' x 50'	1	-	-	12	6	4	4	12	14	-	-	12	4	16	262	262	524	150						
30' x 60'	1	-	2	12	8	4	4	18	18	-	-	14	4	20	306	306	612	180						

Monarch Pools, Inc.

GENERAL ARRANGEMENT & INSTALLATION OF RECTANGULAR POOLS

Donald C. Meserlian, P.E.
254 Park Ave.
N. Caldwell, NJ 07006
(201) 228-2258

DATE 7/27/88

1/16/87

DEPARTMENT OF COMMUNITY AFFAIRS
Bureau of Construction Code Enforcement
Pursuant to N.J.A.C. 5:23-4.20 Department fees

1) NEW STRUCTURE FEES

- USE GROUPS
- A. B, H, I-1, I-3, M, R-1, R-2, R-3, R-4, U
Volume _____ x .0145 =
of bldg. (cubic feet)
- B. A-1, A-2, A-3, A-4, E, S-1, S-2
Volume _____ x .008 =
of bldg. (cubic feet)
- C. Farm Use Bldgs. Exclusively used for food, sheltering of livestock (Maximum fee for structures not to exceed \$625)
Volume _____ x .004 =
of bldg. (cubic feet)

2) PLUMBING FEES

- A. Total number of fixtures and stacks _____
include but not limited to all sinks, urinals, water closets, bathtubs, shower stalls, laundry tubs, floor drains, drinking fountains, dishwashers, garbage disposals, clothes washers, hot water heaters or similar devices.
x \$ 5.00 =
(each)
- B. Total number of special devices _____
grease traps, oil separators, watercooled air conditioning units, boiler and furnace, utility service connections
x \$35.00 =
(each)

3) ELECTRICAL FEES

- A. Total number of electrical fixtures and devices 1 through 50 = \$ 25.00
Lighting outlets, wall switches, fluorescent fixtures convenience receptacles or similar fixtures and motors or devices less than 1-H.P. or 1-Kw.
- B. Twenty-five (25) additional fixtures and devices and motors of less than one horsepower or one Kw.
Twenty-five (25) = \$ 4.00
- C. Each service panel of 100 Amp or less _____
Service conductors, feeders, switches, switch boards and panel boards
x \$13.00 =
(each)
- D. Service panels in excess of 100 Amps _____
Fee to be increased \$7.00 per 100 Amp increment in excess of 100 Amps
x \$ 7.00 =
(each)
- E. Each motor or electric device _____
of more than 1 H.P. or 1-Kw.
Motors, control equipment, generators, transformers and all heating, cooking or other devices consuming or generating electrical current
x \$ 5.00 =

4) MECHANICAL SYSTEMS AND EQUIPMENT FEES

- Fee is 10% of new structure fee _____
x 0.10 =

55-

or elevators, escalators and moving walks re-
quiring reinspection every 6 months, the fee shall be \$50.00
except for each 5 yr. inspection and witnessing of tests on
elevators, for which the fee shall be \$160.00

SPRINKLER FEES

Based upon number of sprinkler heads being installed

-20 heads = \$ 35.00	201-400 heads = \$ 325.00
1-100 heads = \$65.00	401-1000 heads = \$ 450.00
01-200 heads = \$125.00	Over 1,000 heads = \$575.00

STANDPIPE FEES

Multiply number of standpipes _____ x \$125.00 =

SIGN FEES

Square foot surface area of sign _____
Compute only one side for double faced sign.

x \$ 0.65 =

Minimum fee shall be \$ 25.00

RENOVATIONS, ALTERATIONS, REPAIR, AND MINOR WORK FEES

- A. Estimated cost up to and including \$50,000 = \$13.00 per \$1,000. =
- B. \$50,001. up to and including \$100,000. = \$10. per \$1,000. =
- C. Above \$100,000. additional fee of \$8.00 per \$1,000. =
- (Applicant shall submit to Department, cost data by architect or
engineer of record, a recognized estimating firm or by contractor
bid. The Dept. will review the construction cost for acceptability.)

DEMOLITION FEES

- A. One and two family - less than 5,000 sq. ft. and less than 30 ft.
in height, and structures on farms used exclusively for storage
of grain, or sheltering of livestock, the fee shall be \$ 35.00
- B. All other use groups, the fee shall be \$ 65.00
- C. The fee for removal of one building from one lot to another, or to
another location on the same lot, the fee shall be \$ 7.00 per \$1,000
of the estimated cost of new foundation and all work necessary to
place the building in its completed condition in the new location.

CERTIFICATE OF OCCUPANCY FEES

- A. Fee shall be in the amount of 10% of new construction permit fee.
Minimum fee shall be \$65.00
- B. Exception: one and two family residences less than 5,000 sq. ft.
in area and less than 30 ft. in height. Minimum fee shall be \$ 35.00
- C. Fee for Certificate of Occupancy granted to change of use - \$ 95.00
- D. Fee for Certificate of Continued Occupancy - \$ 65.00

TRAINING AND CERTIFICATION FEES

Volume of structure _____ x .0006 except released plans =

TOTAL

ES: In any case the minimum fee for a construction permit in part or
total shall be \$25.00

Pursuant to N.J.A.C. 5:23-2.27 in the case of a discontinuance of
a building project, plan review fees are NOT refundable.

VARIATION FEES

Class II buildings = \$65.00
submittal fee, Class II buildings = \$35.00
Applicant must submit variation application with the above applicable fee.

78-

35-

168